



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

SWA6A-3-OH
Job Sheet 177594



Part No: SWA6A-3-OH

Job Qty: 1 ea

Part Name: Electric Swivel 6,000 lb Safe Work Load (2,721 kg)



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 5/15/18

Job Tracking No: RA215

Due Date: 5/29/18

Created By: Michelle Gagnon-Donovan

Type: Return

Description: SN: AC11013

Note: O&OPM-SWA6 REV.2 IPP REV:A 18.04.09 NEW ISSUE DP VERF:DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup	Run	Workcenter / Supplier	Lead Time	
					hrs	Hrs			
100	Start up Operation	1 Ea	5/29/18	5/29/18	0.00	0.00	Start Up Small Fab-4		18-06-04/05
110	Small Fab	1 pcs	5/29/18	5/29/18	0.00	1.00	Small Fab-9		AP
120	QC	1 pcs	5/29/18	5/29/18	0.00	0.00	QC5		SB
130	Customer Acceptance	1 pcs	5/29/18	5/29/18	0.00	0.00			
140	Outsource	1 pcs	5/29/18	5/29/18			SKY002-VC	40060	JUN 04 2018
150	Packaging	1 pcs	5/29/18	5/29/18	0.00	0.00	Packaging2		38
160	QC	1 pcs	5/29/18	5/29/18	0.00	0.00	QC6		9-89
170	Small Fab	1 pcs	5/29/18	5/29/18	0.00	1.00	Small Fab-9		A.P
180	QC	1 pcs	5/29/18	5/29/18	0.00	0.00	QC5		DAS
185	DC	1 pcs	5/29/18	5/29/18	0.00	0.00	DC		21 JUL 23 2018
190	Packaging	1 pcs	5/29/18	5/29/18	0.00	0.00	Packaging3-2		9-89
200	QC21-FG	1 Ea	5/29/18	5/29/18	0.00	0.00	QC21		DAS JUL 23 2018

Part Op 110 - RA: TEST ASSEMBLY. DISASSEMBLE ASSEMBLY. INSPECT DAMAGE PART.
Descriptions: 170 - RE-ASSEMBLE. ***All assembly to be done in accordance with manual*** TEST ASSEMBLY.
185 - Photocopy blue file O&OPM-SWA6A Rev.2



Container No: S071792



Part: SWA6A - 3

Job No: 177594

Serial No/Batch: S071792

Revision: 2

Inspector:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 05/16/18

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88
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Job BOM

Part / Item	Component Name	Quantity	Operation	Container
SWA6A-3-AR	Electric Swivel 6,000 lb Safe Work Load (2,721 Kg)	1 pcs (1 ea)	100-Start up Operation	
188-FPSS-1032-1/2	Set Screw	1 Ea (1 ea)	170-Small Fab	
188-FSCS-1032-5/8	Screw	4 Ea (4 ea)	170-Small Fab	
C45-15-13	Sleeve	1 Ea (1 ea)	170-Small Fab	
EL-PLUG-F	3-Prong Female Spade Plug	1 Ea (1 ea)	170-Small Fab	
EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	170-Small Fab	
EL314-SJTOW	3 Wire	6 ft (6 ea)	170-Small Fab	
SWA6A-100	Lower End	1 Ea (1 ea)	170-Small Fab	
SWA6A-1100	Upper Bearing	1 Ea (1 ea)	170-Small Fab	
SWA6A-1200	Lower DU Bearing	1 Ea (1 ea)	170-Small Fab	
SWA6A-1300	Lower Thrust Bearing	1 Ea (1 ea)	170-Small Fab	
SWA6A-1400	Circlip Internal	1 Ea (1 ea)	170-Small Fab	
SWA6A-1800	Cover	1 Ea (1 ea)	170-Small Fab	
SWA6A-1900	Female Spade Terminal - 1/4"	6 Ea (6 ea)	170-Small Fab	
SWA6A-200	Upper End	1 Ea (1 ea)	170-Small Fab	
SWA6A-300	Bearing Housing	1 Ea (1 ea)	170-Small Fab	
SWA6A-400	Thrust Washer	1 Ea (1 ea)	170-Small Fab	
SWA6A-500	Semi Rings	1 Ea (1 ea)	170-Small Fab	
SWA6A-600	Collar	1 Ea (1 ea)	170-Small Fab	
SWA6A-700	Wire Clamp	2 Ea (2 ea)	170-Small Fab	
SWA6A-800B	Connector Bushing	1 Ea (1 ea)	170-Small Fab	
SWA6A-900B	Rotary Contact	1 Ea (1 ea)	170-Small Fab	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Start up Operation	SWA6A-3	1	0	0
170-Small Fab	188-FPSS-1032-1/2	1	85	0
	188-FSCS-1032-5/8	4	249	0
	C45-15-13	1	12	0
	EL-PLUG-F	1	32	0
	EL-PLUG-M	1	55	0
	EL314-SJTOW	6	988	0
	SWA6A-100	1	2	0
	SWA6A-1100	1	22	0
	SWA6A-1200	1	29	0
	SWA6A-1300	1	11	0
	SWA6A-1400	1	20	0
	SWA6A-1800	1	0	0
	SWA6A-1900	6	242	0
	SWA6A-200	1	1	0
	SWA6A-300	1	0	0
	SWA6A-400	1	1	0
	SWA6A-500	1	1	0
	SWA6A-600	1	1	0
	SWA6A-700	2	19	0
	SWA6A-800B	1	0	0
	SWA6A-900B	1	2	0

Part Specifications

Specifications could not be found.

Inspection Sheet Complete RA215

Customer QA Ref #

0

Part Number	Batch / Serial #	Quantity	Part Complete	Rev/CHG Current	New Paperwork	New Labels	Disposition	Work order #	Work order instructions
C45-K	AC09001	1	☒ Yes	☐ Yes	☐ Yes	☐ Yes	CUSTOMER SUPPLIED	S047644	overhaul
SWA6A-3	AC11011	1	☐ Yes	☐ Yes	☐ Yes	☐ Yes	CUSTOMER SUPPLIED	S047646	overhaul
C45-K	AC09002	1	☐ Yes	☐ Yes	☐ Yes	☐ Yes	CUSTOMER SUPPLIED	S047645	overhaul
SWA6A-3	AC11013	1	☐ Yes	☐ Yes	☐ Yes	☐ Yes	CUSTOMER SUPPLIED	S047647	overhaul
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			

QC Approval: _____ 0

Date: 0-Jan-00 _____

6/4/2018

PURCHASE ORDER



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO040060

Supplier: SKY002-VC
Skyservice
6120 Midfield Road
Mississauga
ON
L5P 1B1 Canada
Phone: 905-678-5636
Fax: 905-678-5841

PO No: PO040060
PO Date: 5/31/18
Due Date: 6/4/18
Purchase Order Revision:
Revision Date:
Ship-To Contact: Lavoie, Chantal
Phone: clavoie@dartaero.com

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pynt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	176290	C60-OH	C-Series Remote Hook 6,000 lbs Lift Capacity	Firmed	6/4/18	1 pcs	0 pcs 1x	1 pcs	\$178.00/pcs	\$178.00
2	176761	C45-OH	C-Series Remote Hook 4,500 lbs Lift Capacity	Firmed	6/4/18	1 pcs	0 pcs 1x	1 pcs	\$178.00/pcs	\$178.00
3	177397	C45-K-OH	C-Series Remote Hook 4,500 lbs Lift Capacity - Keeperless	Firmed	6/4/18	1 pcs	0 pcs 1x	1 pcs	\$178.00/pcs	\$178.00
4	176292	SWA6A-2-OH	Electric Swivel 6,000 lb Safe Work Load (2,721 kg)	Firmed	6/4/18	1 pcs	0 pcs 1x	1 pcs	\$178.00/pcs	\$178.00
5	176763	SWA6A-4-OH	Electric Swivel 6,000 lb Safe Work Load (2,721 kg)	Firmed	6/4/18	1 pcs	0 pcs 1x	1 pcs	\$178.00/pcs	\$178.00
6	177593	SWA6A-3-OH	Electric Swivel 6,000 lb Safe Work Load (2,721 kg)	Firmed	6/4/18	1 pcs	0 pcs 1x	1 pcs	\$178.00/pcs	\$178.00
7	177594	SWA6A-3-OH	Electric Swivel 6,000 lb Safe Work Load (2,721 kg)	Firmed	6/4/18	1 pcs	0 pcs 1x	1 pcs	\$178.00/pcs	\$178.00
8	171614	C10-OH	C-Series Remote Hook 10,000 lbs Lift Capacity	Firmed	6/4/18	1 pcs	0 pcs 1x	1 pcs	\$178.00/pcs	\$178.00

Grand Total: \$1,424.00

Order Notes

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Plex 6/4/18 11:31 AM dart.lavoie.chantal

5/15/2018

[Dart Hawkesbury] Job Sheet - Gagnon-Donovan, Michelle

004568



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

5071792

SWA6A-3-OH
Job Sheet 177594

**Part No:** SWA6A-3-OH**Job Qty:** 1 ea**Part Name:** Electric Swivel 6,000 lb Safe Work Load (2,721 kg)**Part Weight:** 0 lbs**Status:** Scheduled**Priority:** Medium**Job Created:** 5/15/18**Job Tracking No:** RA215**Due Date:** 5/29/18**Created By:** Michelle Gagnon-Donovan**Type:** Return**Description:** SN: AC11013**Note:** O&OPM-SWA6 REV.2 IPP REV:A 18.04.09 NEW ISSUE DP VERF:DD**Ship Via:**

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Start up Operation	1 Ea		5/29/18	0.00	0.00	Start Up Small Fab-4		
110	Small Fab	1 pcs		5/29/18	0.00	1.00	Small Fab-9		AP
120	QC	1 pcs		5/29/18	0.00	0.00	QC5		
130	Customer Acceptance	1 pcs		5/29/18	0.00	0.00			
140	Outsource	1 pcs		5/29/18			SKY002-VC		
150	Packaging	1 pcs		5/29/18	0.00	0.00	Packaging2		
160	QC	1 pcs		5/29/18	0.00	0.00	QC6		
170	Small Fab	1 pcs		5/29/18	0.00	1.00	Small Fab-9		
180	QC	1 pcs		5/29/18	0.00	0.00	QC5		
185	DC	1 pcs		5/29/18	0.00	0.00	DC		
190	Packaging	1 pcs		5/29/18	0.00	0.00	Packaging3-2		
200	QC21-FG	1 Ea		5/29/18	0.00	0.00	QC21		

Part Op 110 - RA: TEST ASSEMBLY. DISASSEMBLE ASSEMBLY. INSPECT DAMAGE PART.

Descriptions: 170 - RE-ASSEMBLE. ***All assembly to be done in accordance with manual*** TEST ASSEMBLY.

185 - Photocopy blue file O&OPM-SWA6A Rev.2

LOCTITE 242 (M138762) SAF-T-EZE (M128063)
GREASE AEROSHELL NO: 7 (M138724)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
SWA6A-2-AR ^{1/2}	Electric Swivel 6,000 lb Safe Work Load (2,721 Kg)	1 Ea (1 ea)	100-Start up Operation	
188-FPSS-1032-5/8	Set Screw	1 Ea (1 ea)	170-Small Fab	<u>5037670</u>
188-FSCS-1032-5/8	Screw	4 Ea (4 ea)	170-Small Fab	<u>5066767</u>
C45-15-13	Sleeve	1 Ea (1 ea)	170-Small Fab	<u>5027232</u>
EL-PLUG-F	3-Prong Female Spade Plug	1 Ea (1 ea)	170-Small Fab	
EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	170-Small Fab	
EL314-SJTOW	3 Wire	6 ft (6 ea)	170-Small Fab	<u>5047767</u>
SWA6A-100	Lower End	1 Ea (1 ea)	170-Small Fab	
SWA6A-1100	Upper Bearing	1 Ea (1 ea)	170-Small Fab	<u>5040724</u>
SWA6A-1200	Lower DU Bearing	1 Ea (1 ea)	170-Small Fab	<u>5044605</u>
SWA6A-1300	Lower Thrust Bearing	1 Ea (1 ea)	170-Small Fab	<u>5043315</u>
SWA6A-1400	Circlip Internal	1 Ea (1 ea)	170-Small Fab	<u>5045017</u>
SWA6A-1800	Cover	1 Ea (1 ea)	170-Small Fab	
SWA6A-1900	Female Spade Terminal - 1/4"	4 Ea (4 ea)	170-Small Fab	<u>5054299</u>
SWA6A-200	Upper End	1 Ea (1 ea)	170-Small Fab	
SWA6A-300	Bearing Housing	1 Ea (1 ea)	170-Small Fab	
SWA6A-400	Thrust Washer	1 Ea (1 ea)	170-Small Fab	<u>5035446</u>
SWA6A-500	Semi Rings	1 Ea (1 ea)	170-Small Fab	
SWA6A-600	Collar	1 Ea (1 ea)	170-Small Fab	
SWA6A-700	Wire Clamp	2 Ea (2 ea)	170-Small Fab	
SWA6A-800A	Connector Bushing	1 Ea (1 ea)	170-Small Fab	
SWA6A-900A	Rotary Contact	1 pcs (1 ea)	170-Small Fab	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Start up Operation	SWA6A-2	1	0	0
170-Small Fab	188-FPSS-1032-5/8	1	379	0
	188-FSCS-1032-5/8	4	257	0
	C45-15-13	1	12	0
	EL-PLUG-F	1	33	0
	EL-PLUG-M	1	56	0
	EL314-SJTOW	6	1,007	0
	SWA6A-100	1	2	0
	SWA6A-1100	1	0	0
	SWA6A-1200	1	30	0
	SWA6A-1300	1	11	0
	SWA6A-1400	1	20	0
	SWA6A-1800	1	0	0
	SWA6A-1900	4	266	0
	SWA6A-200	1	1	0
	SWA6A-300	1	0	0
	SWA6A-400	1	1	0
	SWA6A-500	1	1	0
	SWA6A-600	1	1	0
	SWA6A-700	2	19	0
	SWA6A-800A	1	25	0
	SWA6A-900A	1	0	0

Part Specifications

Specifications could not be found.

Plex 5/3/18 1:01 PM Dart Gagnon, Michelle



skyservice Work Order Traveler

Sky Service F.B.O. Inc.

10105 Ryan Avenue, Dorval, Quebec, H9P 1A2

TCCA AMO 53-89 / EASA 145.7142 / BDA AMO 385

WO #: MWO36235	Customer: Dart Aerospace Ltd.	Dept: NDT YUL	Reference: PO040060
Descr:	PN:	S/N:	Qty: 1
Make:	Model:	Reg:	A/C S/N:
TSN:	CSN:	TSO:	
Task: UNSCHEDULED			Sequence: 1

Work Required:

CARRY OUT NDT ON:

2 ELECTRIC SWIVEL, P/N# SWA6A-3-OH , J/S# 177593 , 177594

1 ELECTRIC SWIVEL, P/N# SWA6A-2-OH , J/S# 176292

1 ELECTRIC SWIVEL, P/N# SWA6A-4-OH , J/S# 176763

1 C-SERIES REMOTE HOOK , P/N# C45-K-OH , J/S# 177397

1 C-SERIES REMOTE HOOK , P/N# C45-OH , J/S# 176761

1 C-SERIES REMOTE HOOK , P/N# C60-OH , J/S# 176290

1 C-SERIES REMOTE HOOK , P/N# C10-OH , J/S# 171614

Action Taken:	Date:	Initial/Stamp:				
LPI & MPI C/O IAW ASTM E-1417M-16 & E-1444M-16 ***NO CRACK FOUND*** MAGBENCH S/N 208123 CAL DUE: 23-JUL-2018 POWDER 14A BATCH# MPO13600 CARRIER II BATCH# MPO20165 PEN ZL-37, MPO13139, CLEANER SKC-S MPO15030, EMU. MPO15896, DEV. MPO15030, UV LIGHT M-20142	JUN 01 2018	 				
Description	Location	P/N	Qty	Batch	S/N Off	S/N On

I certified that the maintenance described above has been performed in accordance with the applicable standard of airworthiness.

Signature:	ACA/SCA Stamp	Date:
Name: RAFIK MELIKIAN		JUN 01 2018



Electric Swivel
SWA6A

Work Order 177594

Customer _____

Number of Wires 3

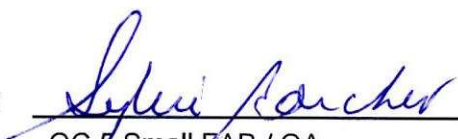
Date 2018/05/22

Serial Number AC 11013

(PRETEST)

Number of Cycles	Load (Lbs.)	Action	Pass/Fail
1	6,000	Check for Conductivity against all wires.	- PASS
1	6,000	Check all wires for grounding against swivel body.	- PASS
1	3,000	Check for Conductivity against all wires.	- PASS
1	3,000	Check all wires for grounding against swivel body.	- PASS
1	1,500	Check for Conductivity against all wires.	- PASS
1	1,500	Check all wires for grounding against swivel body.	- PASS
1	0	Check for Conductivity against all wires.	- PASS
1	0	Check all wires for grounding against swivel body.	- PASS

Test Conducted By: ALAN RATRY
Technician

Signature: 
QC 5 Small FAB / QA

Work Order 177594

Customer _____

Number of Wires 3Date 2018/07/23Serial Number AC11013

Number of Cycles	Load (Lbs.)	Action	Pass/Fail
1	6,000	Check for Conductivity against all wires.	- PASS
1	6,000	Check all wires for grounding against swivel body.	- PASS
1	3,000	Check for Conductivity against all wires.	- PASS
1	3,000	Check all wires for grounding against swivel body.	- PASS
1	1,500	Check for Conductivity against all wires.	- PASS
1	1,500	Check all wires for grounding against swivel body.	- PASS
1	0	Check for Conductivity against all wires.	- PASS
1	0	Check all wires for grounding against swivel body.	- PASS

Test Conducted By: ALAIN PATRY

Technician

Signature: Sylvia Guerber
QC 5 Small FAB / QA